

NSLS OHSAS Job Risk Assessment

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Name(s) of Risk Team Members: Andrew Ackerman, Cleve Dodge, Bob Kiss, Gerry Van Derlaske	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Transporting chemicals and radioactive materials Job Number or Job Identifier: LS-JRA-0022	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Description: Transport of hazardous or radioactive materials including experiment samples.	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training and Procedure List (Optional):	Likelihood (D)	Extremely Unlikely	Unlikely	Possible	Probable	Multiple
Approved by: W. R. Casey Date: 10/14/2005 Rev. # 1 Revision Log		<<1x/20yrs	1x/10-20yrs	>1x/10-20yrs	1x/yr	>1x/yr
Stressors (if applicable, please list all):		Reason for Revision (if applicable):			Comments:	

		Before Controls							After Initial Controls						After Additional Controls					
Job Step / Task	Hazard	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Initial Controls	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Packaging hazardous material for transport	Overexertion or cut with packaging equipment	N	1	3	1	3	9	Care with handling packages; management emphasis on working safely; knowledgeable	1	3	1	2	6							
	Spill material	N	1	3	2	3	18		1	3	1	2	6							

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	Mix incompatibles	N	1	3	2	4	24	staff; packing materials readily available. Lab Std or Haz Com training; MSDS's.	1	3	2	1	6							
Personal transport by hand or within a motor vehicle	Overexertion	N	1	3	1	3	9	Care with handling packages; management emphasis on working safely; knowledgeable staff	1	3	1	2	6							
	Spill	N	1	3	2	3	18	Care with handling packages; NSLS Operations Group spill response procedure and training.	1	3	1	2	6							
	Vehicle collision	N	1	3	2	5	30	Management emphasis on safe driving	1	3	2	4	24							
Packaging and transport of radioactive material for transport	Overexertion	N	1	3	1	3	9	Care with handling packages; management emphasis on working safely; infrastructure support (BNL I&SM)	1	3	1	1	3							
	Spill	N	1	3	2	3	18													
Further Description of Controls Added to Reduce Risk:																				
*Risk:	0 to 20 Negligible	21 to 40 Acceptable						41 to 60 Moderate			61 to 80 Substantial					81 or greater Intolerable				